



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Preliminary Group Art Unit: 2874

**Mark Unrath, Kelly Bruland,
Ho Wai Lo, and Steve Swaringen**

Application No.: 10/077,691

Filed: February 15, 2002

For: **ON-THE-FLY BEAM PATH
ERROR CORRECTION FOR
MEMORY LINK PROCESSING**

Date: May 2, 2002

FORMAL DRAWING TRANSMITTAL LETTER

TO THE COMMISSIONER FOR PATENTS:

Enclosed for filing in the above-referenced application are six (6) sheets of formal drawings.

Respectfully submitted,

**Mark Unrath, Kelly Bruland
Ho Wai Lo, and Steve Swaringen**

By *Richard B. Preiss*
Richard B. Preiss
Registration No. 36,640

STOEL RIVES LLP
900 SW Fifth Avenue, Suite 2600
Portland, Oregon 97204-1268
Telephone: (503) 224-3380
Facsimile: (503) 220-2480
Attorney Docket No. 50001/84:2



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Mark Unrath, Kelly Bruland,
Ho Wai Lo, and Steve Swaringen

Group Art Unit: 2874

Application No. 10/077,691

Filed: February 15, 2002

For: **ION-THE-FLY BEAM PATH ERROR
CORRECTION FOR MEMORY
LINK PROCESSING**

Date: May 2, 2002

I HEREBY CERTIFY THAT THIS CORRESPONDENCE
IS BEING DEPOSITED WITH THE UNITED STATES
POSTAL SERVICE AS FIRST CLASS MAIL IN AN
ENVELOPE ADDRESSED TO:
COMMISSIONER FOR PATENTS
WASHINGTON, DC 20231

ON: May 2, 2002
Date
Pandra Lekar
Signature
Pandra Lekar
Typed Name

TRANSMITTAL LETTER

TO THE COMMISSIONER FOR PATENTS:

Enclosed for filing in the above-referenced application are the following:

- ☒ Form PTO-1533 - Notice to File Missing Parts of Application, Filing Date Granted
- ☒ Fee Transmittal
- ☒ Combined Declaration and Power of Attorney for Patent Application
- ☒ Surcharge for Late Filing of Oath or Declaration
 - ☐ \$ 65.00 - Small Entity
 - ☒ \$130.00 - All Others
- ☒ A check for \$996.00 in payment of the above fee(s).
- ☒ Formal Drawing Transmittal Letter
- ☒ Information Disclosure Statement
- ☒ PTO-1449 (with references)
- ☒ Return receipt postcard

The Commissioner is hereby authorized to charge any additional fees which may be required in connection with filing of these papers, or credit overpayment, to Account No. 19-4455.

Respectfully submitted,

**Mark Unrath, Kelly Bruland, Ho Wai Lo,
and Steve Swaringen**

By Richard B. Preiss
Richard B Preiss
Registration No. 36,640

STOEL RIVES LLP
900 SW Fifth Avenue, Suite 2600
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Facsimile: (503) 220-2480
Attorney Docket No.: 50001/84:2

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL
for FY 2002

Patent fees are subject to annual revision.

Complete if Known

Application Number	10/077,691
Filing Date	02/15/2002
First Named Inventor	Mark Unrath
Examiner Name	
Group Art Unit	2874
Attorney Docket No.	50001/84:2

TOTAL AMOUNT OF PAYMENT (\$) 996.00

METHOD OF PAYMENT

- 1.
- ☒
- The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number 19-4455

Deposit Account Name Steel Rives LLP

- ☒
- Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

☐ Applicant claims small entity status. See 37 CFR 1.27

- 2.
- ☒
- Payment Enclosed:

☒ Check ☐ Credit card ☐ Money Order ☐ Other**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
101	740	201	370			Utility filing fee	740.00
106	330	206	165			Design filing fee	
107	510	207	255			Plant filing fee	
108	740	208	370			Reissue filing fee	
114	160	214	80			Provisional filing fee	

SUBTOTAL (1) (\$) 740.00

2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
27	-20** = 7	18.00	126.00
3	-3** = 0	84.00	0.00
Multiple Dependent			0.00

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
103	18	203	9			Claims in excess of 20
102	84	202	42			Independent claims in excess of 3
104	280	204	140			Multiple dependent claim, if not paid
109	84	209	42			** Reissue independent claims over original patent
110	18	210	9			** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$) 126.00

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
105	130	205	65			Surcharge - late filing fee or oath	130.00
127	50	227	25			Surcharge - late provisional filing fee or cover sheet	
139	130	139	130			Non-English specification	
147	2,520	147	2,520			For filing a request for <i>ex parte</i> reexamination	
112	920*	112	920*			Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*			Requesting publication of SIR after Examiner action	
115	110	215	55			Extension for reply within first month	
116	400	216	200			Extension for reply within second month	
117	920	217	460			Extension for reply within third month	
118	1,440	218	720			Extension for reply within fourth month	
128	1,960	228	980			Extension for reply within fifth month	
119	320	219	160			Notice of Appeal	
120	320	220	160			Filing a brief in support of an appeal	
121	280	221	140			Request for oral hearing	
138	1,510	138	1,510			Petition to institute a public use proceeding	
140	110	240	55			Petition to revive - unavoidable	
141	1,280	241	640			Petition to revive - unintentional	
142	1,280	242	640			Utility issue fee (or reissue)	
143	460	243	230			Design issue fee	
144	620	244	310			Plant issue fee	
122	130	122	130			Petitions to the Commissioner	
123	50	123	50			Processing fee under 37 CFR 1.17(q)	
126	180	126	180			Submission of Information Disclosure Stmt	
581	40	581	40			Recording each patent assignment per property (times number of properties)	
146	740	246	370			Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249	370			For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279	370			Request for Continued Examination (RCE)	
169	900	169	900			Request for expedited examination of a design application	
Other fee (specify)							

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 130.00

SUBMITTED BY

Name (Print/Type)	Richard B. Preiss	Registration No. (Attorney/Agent)	36,640	Telephone	503.224.3380
Signature	Richard B. Preiss	Date	5/2/02		

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

MAY 06 2002

J5C48

APPLICATION NUMBER	FILING RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/077,691	02/15/2002	Mark Unrath	50001/84:2

CONFIRMATION NO. 1445

FORMALITIES LETTER



OC000000007766127

3528
STOEL RIVES LLP
900 SW FIFTH AVENUE
SUITE 2600
PORTLAND, OR 97204

Date Mailed: 04/02/2002

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.
Applicant must submit \$ 740 to complete the basic filing fee for a non-small entity. If appropriate, applicant may make a written assertion of entitlement to small entity status and pay the small entity filing fee (37 CFR 1.27).
- Total additional claim fee(s) for this application is \$126.
 ■ \$126 for 7 total claims over 20.
- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 996.

05/07/2002 NH0HAWH1 00000101 10077691

01 FC:101	740.00 OP
02 FC:103	126.00 OP
03 FC:105	130.00 OP

A copy of this notice **MUST** be returned with the reply.

c. Vorachnek

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE